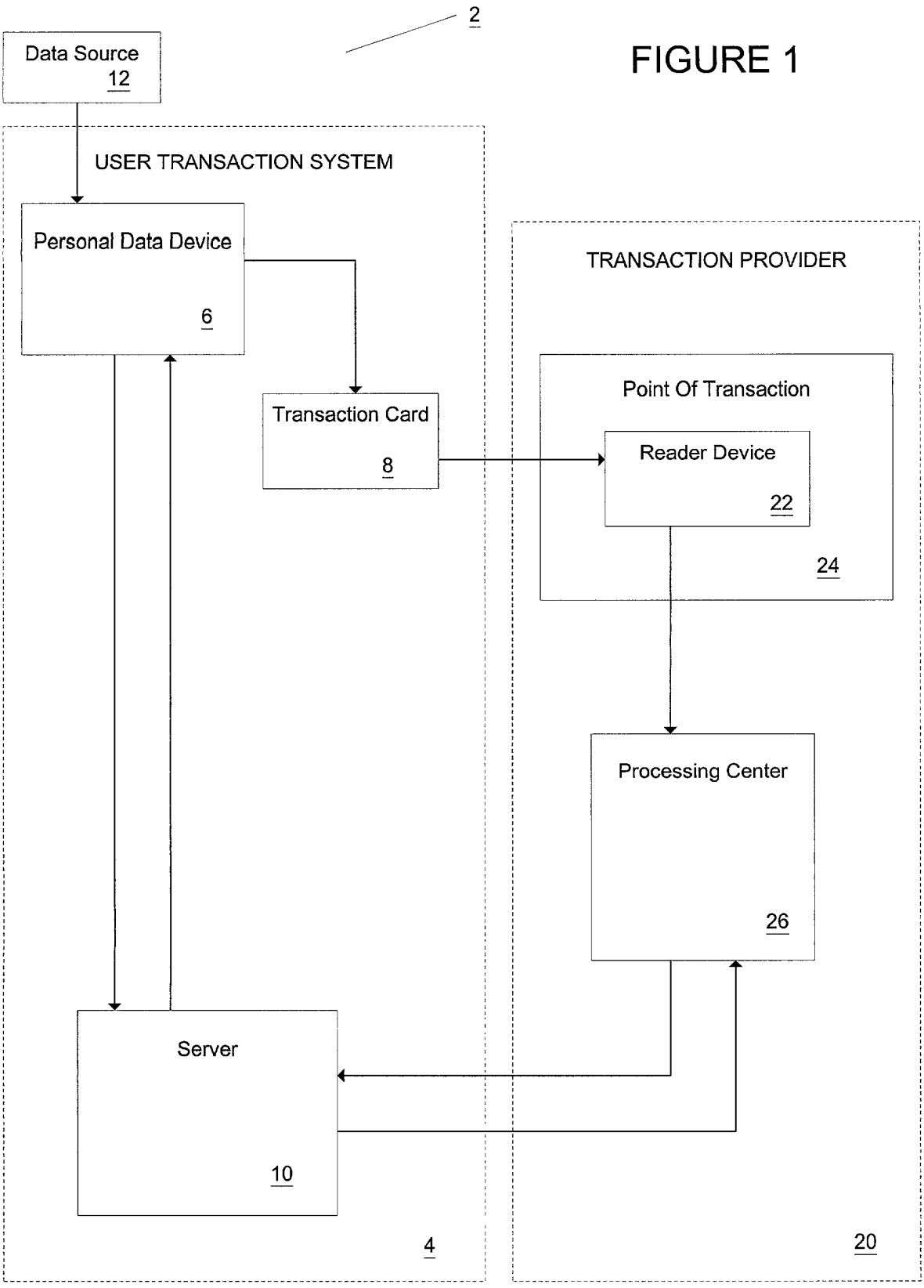
FIGURE 1


2
Data Source
12
USER TRANSACTION SYSTEM
Personal Data Device
6
Transaction Card
8
TRANSACTION PROVIDER
Point Of Transaction
Reader Device
22
24
Processing Center
26
Server
10
4
20

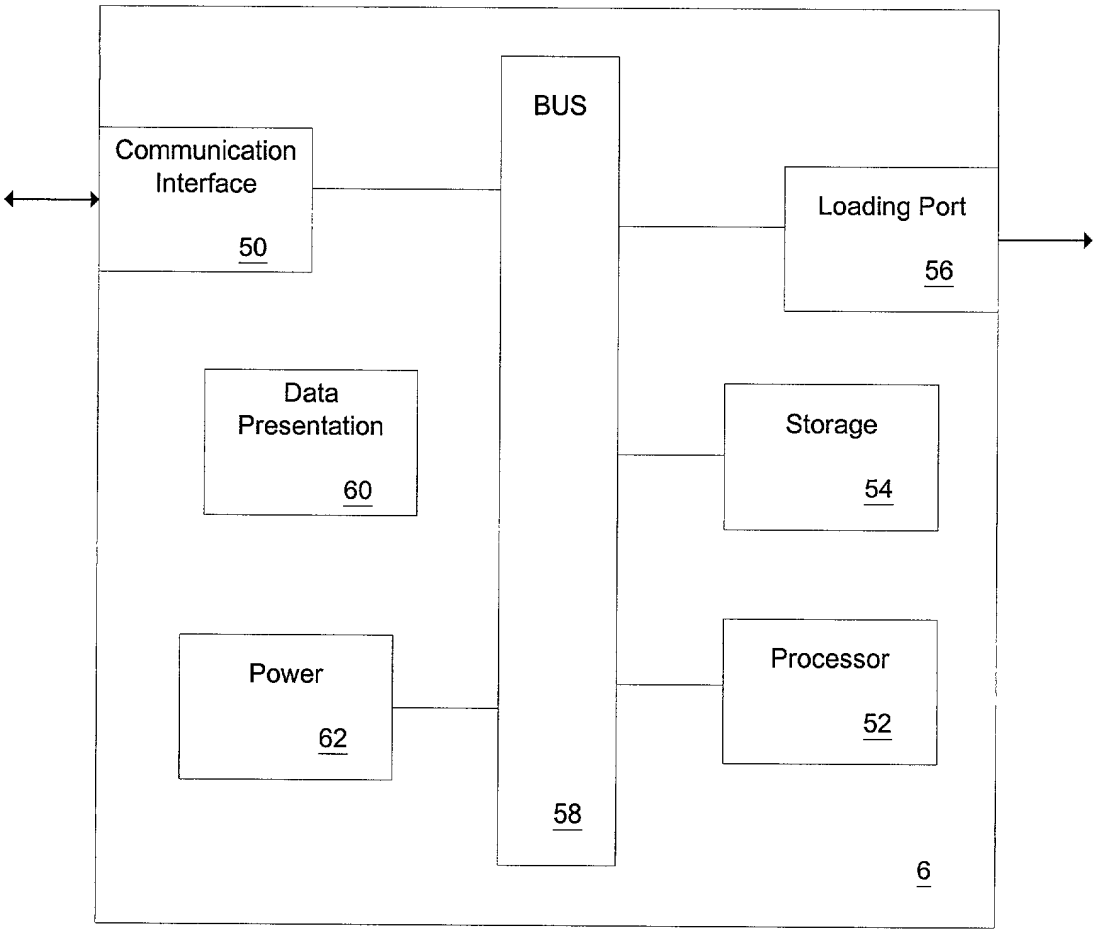

BUS
Communication Interface
50
Loading Port
56
Data Presentation
60
Storage
54
Power
62
Processor
52
58
6

FIGURE 2

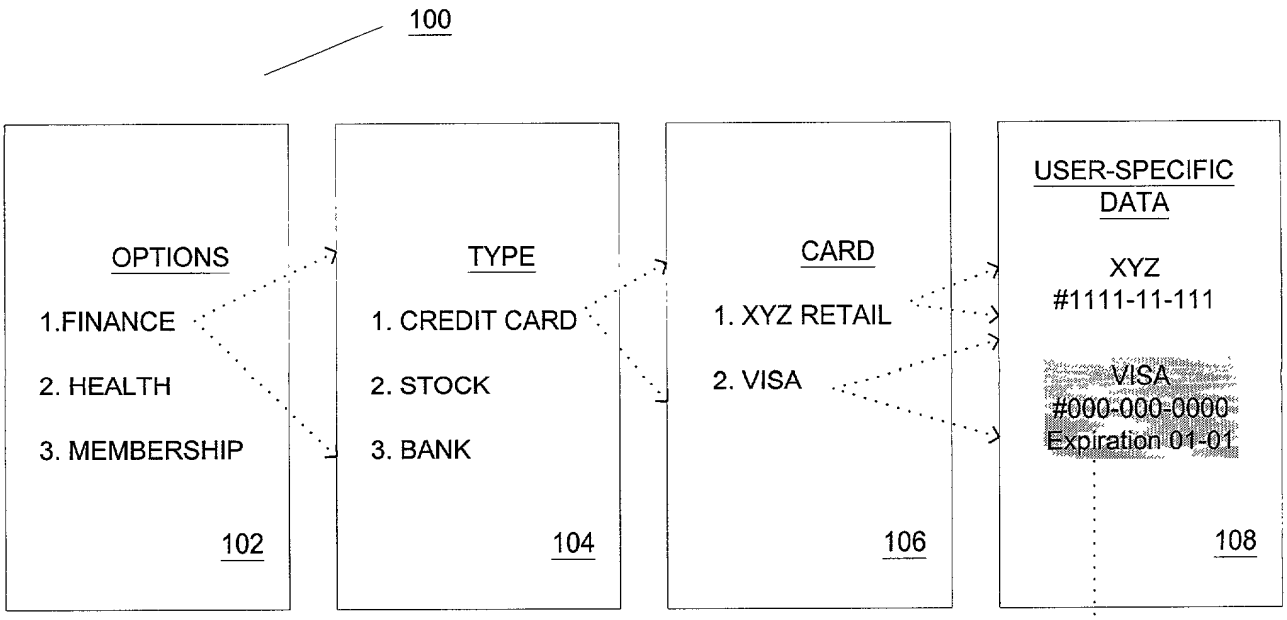


FIGURE 3A

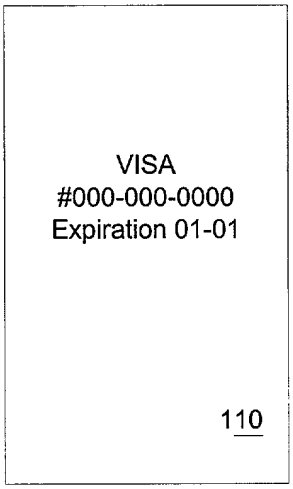


FIGURE 3B

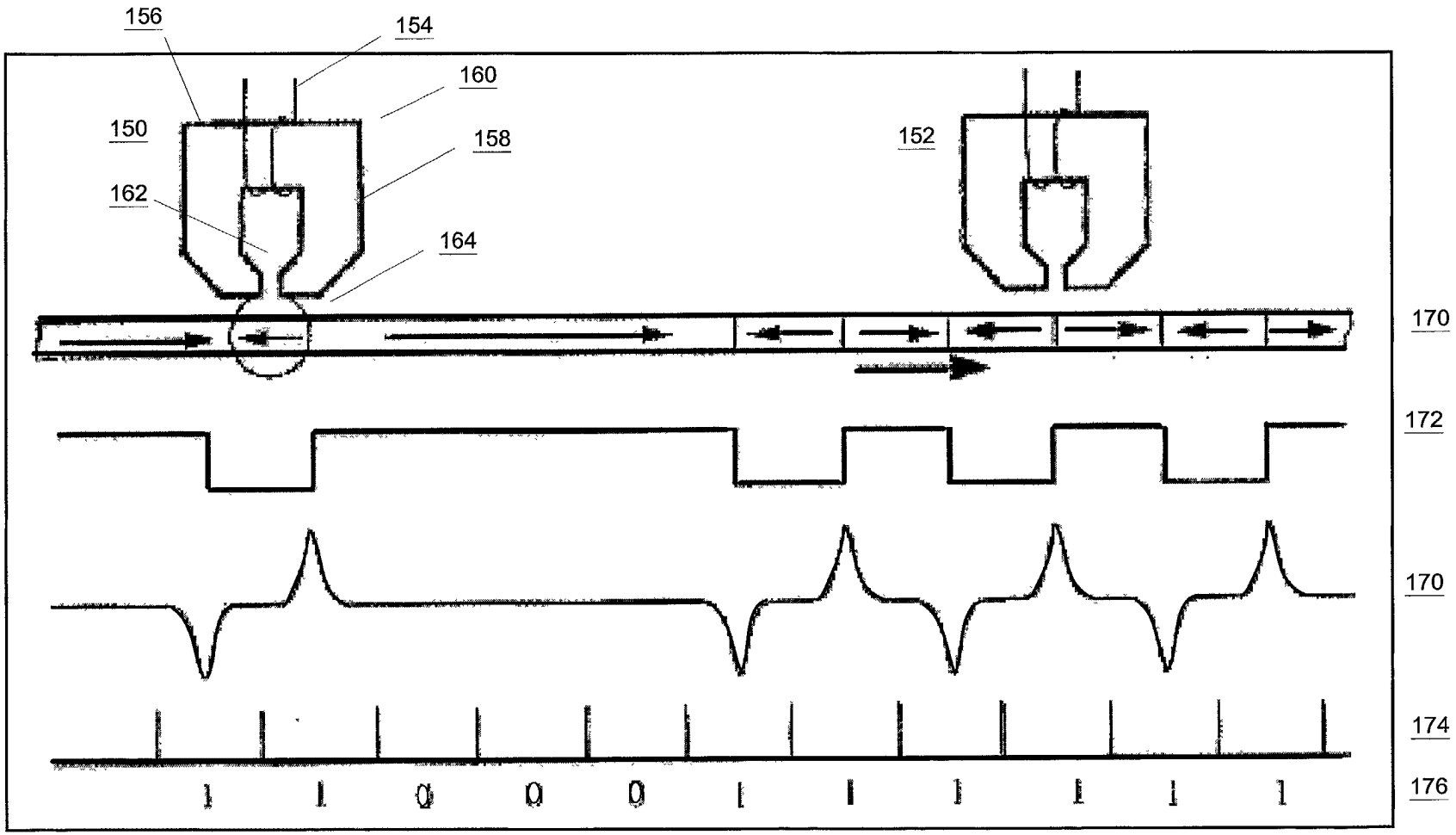

156
154
160
150
158
152
162
164
170
172
170
174
176
1 1 0 0 0 1 1 1 1 1 1

FIGURE 4

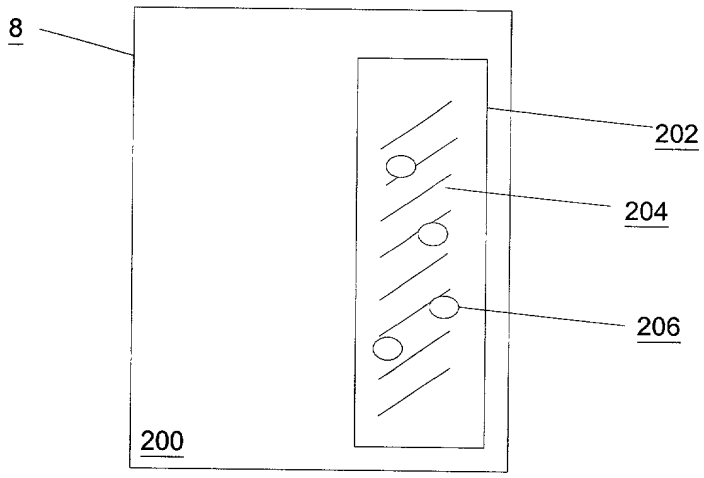


FIGURE 5A

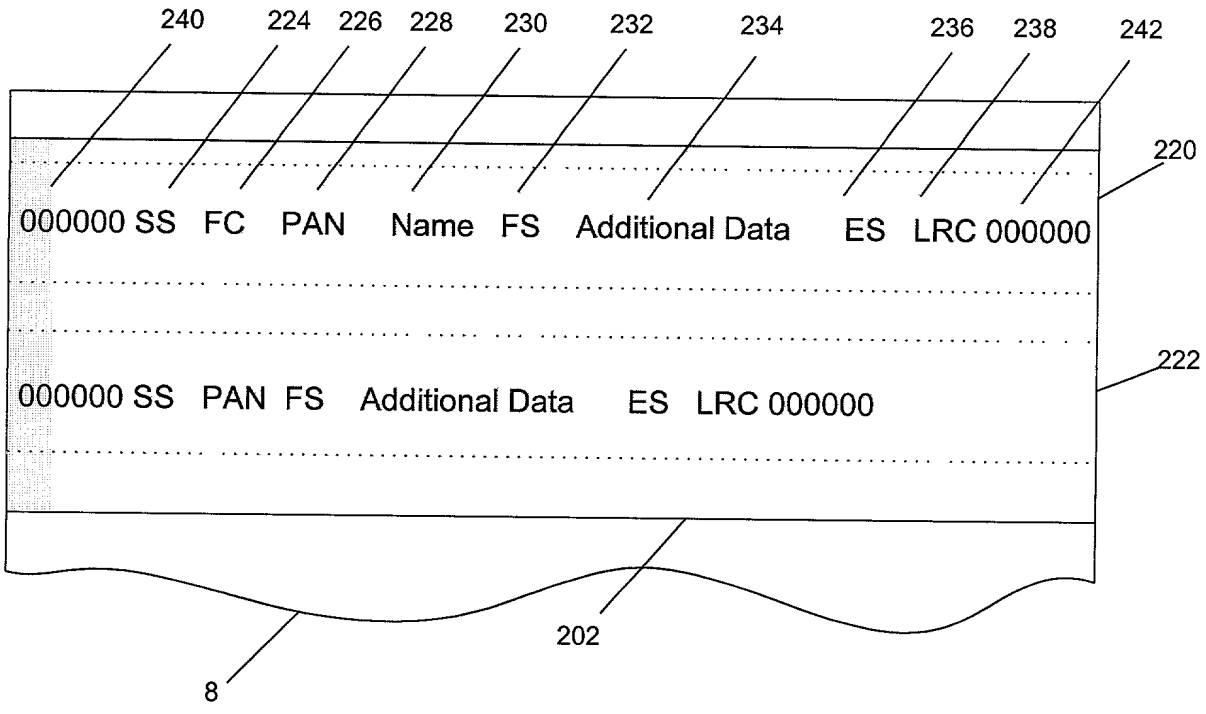


FIGURE 5B

FIGURE 6A

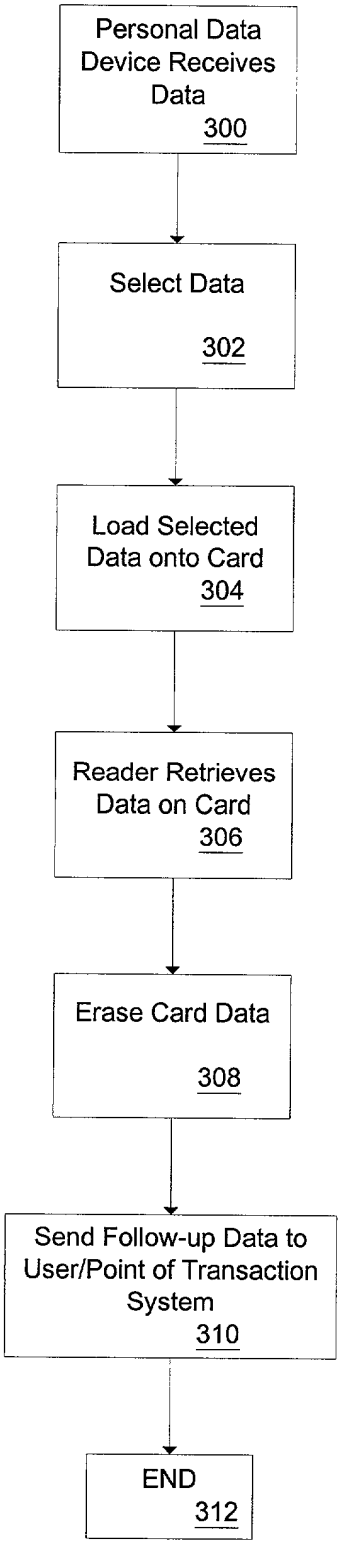
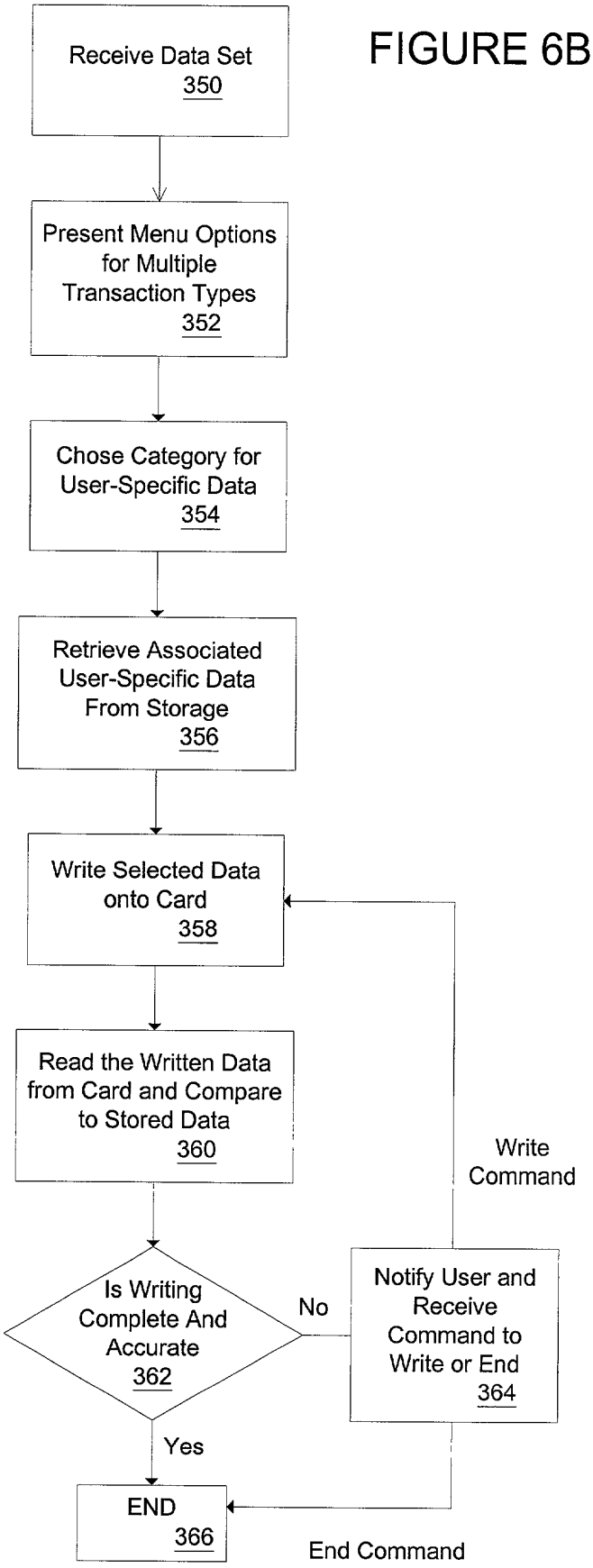


FIGURE 6B



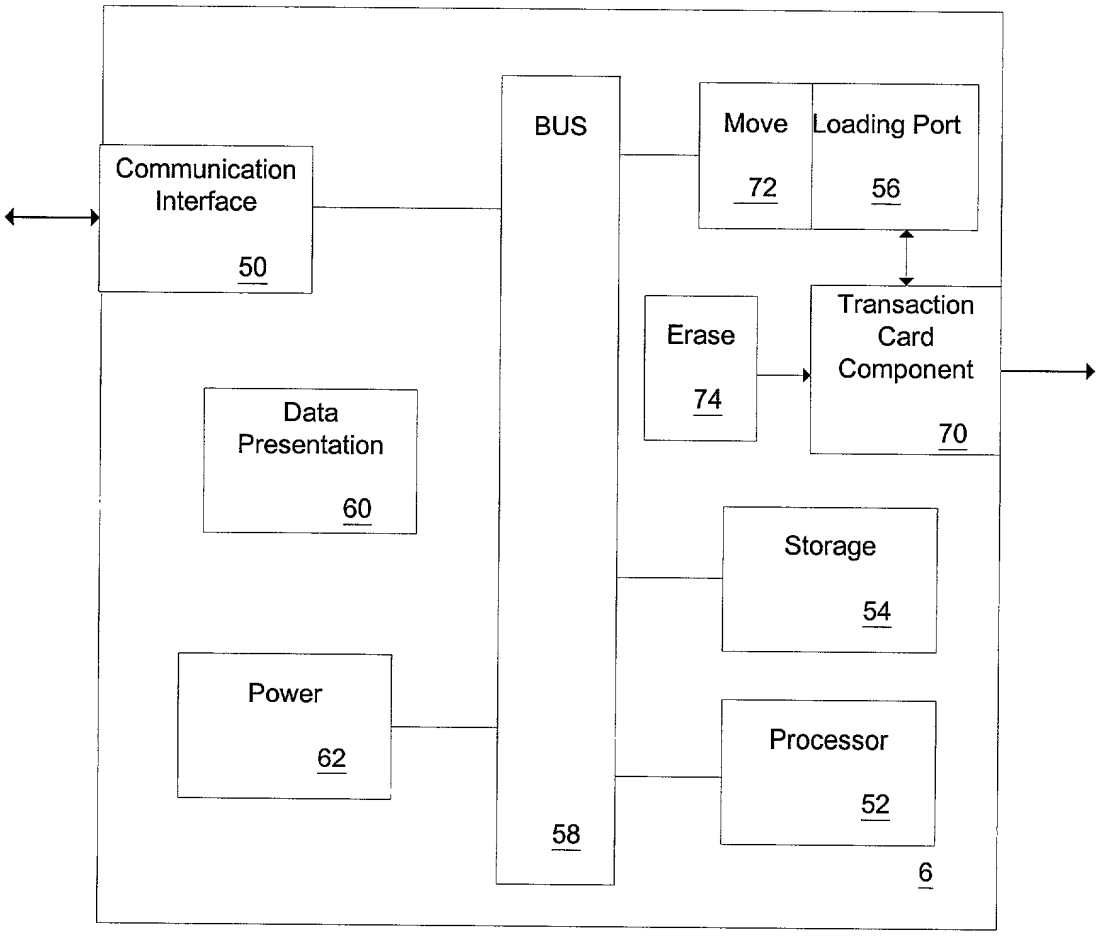

Communication Interface
50
BUS
Move
72
Loading Port
56
Transaction Card Component
70
Erase
74
Data Presentation
60
Storage
54
Power
62
Processor
52
58
6

FIGURE 7

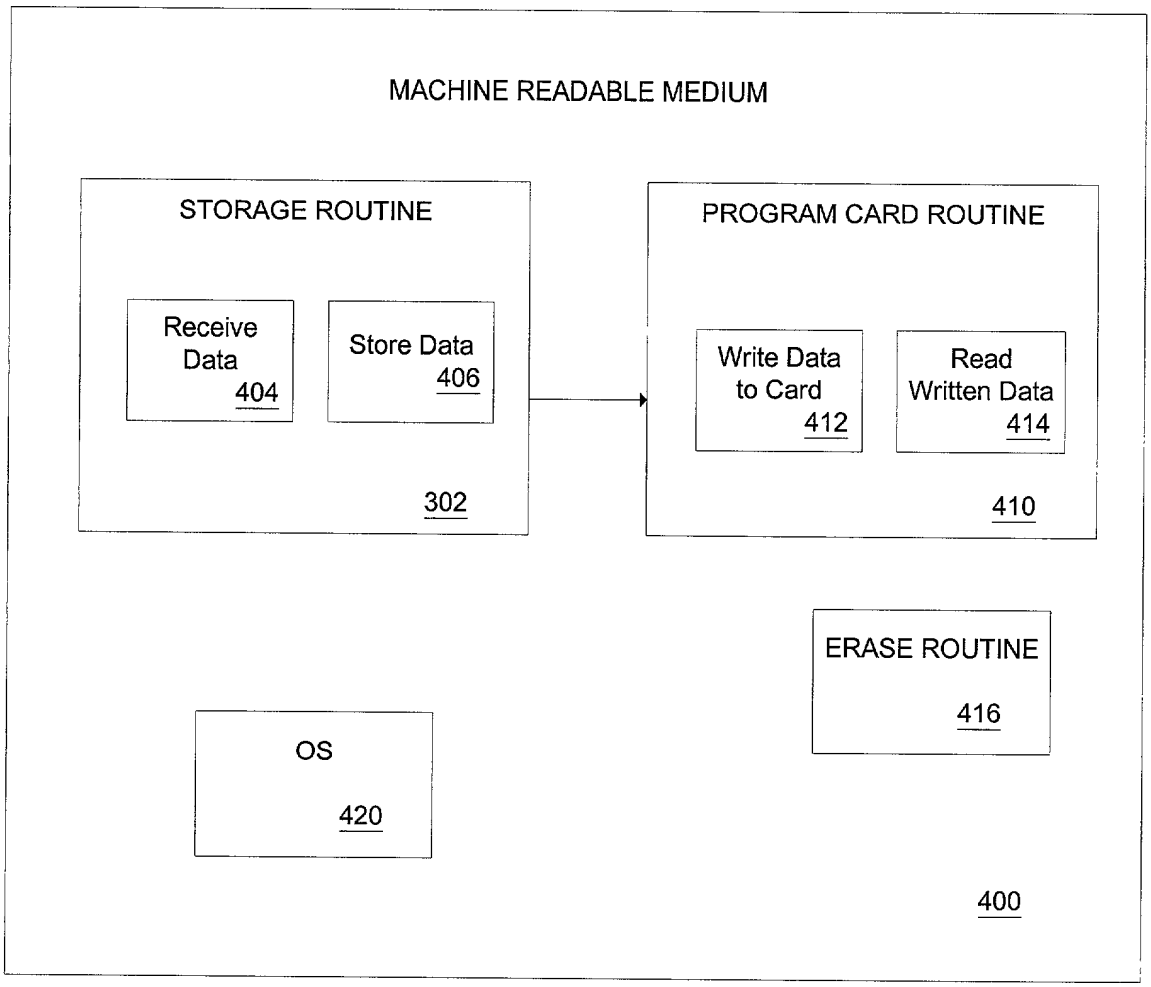

MACHINE READABLE MEDIUM
STORAGE ROUTINE
Receive Data 404
Store Data 406
302
PROGRAM CARD ROUTINE
Write Data to Card 412
Read Written Data 414
410
ERASE ROUTINE 416
OS 420
400

FIGURE 8